

Jam PE 60535

High Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 60535 is a High Density Polyethylene product. It can be processed by injection molding and is available in Africa & Middle East. Typical application: Engineering/Industrial Parts. Primary characteristic: homopolymer.

General Information			
Features	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Thin-walled Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960 to 0.964	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Compression Molded	> 32.0	MPa	
Break, Compression Molded	> 28.0	MPa	
Flexural Modulus (Compression Molded)	> 1580	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 15	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 124	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 0.50	YI	ASTM D1925
Additional Information	Nominal Value	Unit	
Titanium	5	ppm	

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